

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
16 February 2006 (16.02.2006)

PCT

(10) International Publication Number
WO 2006/017110 A3

(51) International Patent Classification:
B28D 1/04 (2006.01)

(21) International Application Number:
PCT/US2005/024058

(22) International Filing Date: 7 July 2005 (07.07.2005)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/586,772 9 July 2004 (09.07.2004) US

(71) Applicant (for all designated States except US): **ELECTROLUX PROFESSIONAL OUTDOOR PRODUCTS** [US/US]; 20445 Emerald Parkway SW, Suite 250, P.O. Box 35920, Cleveland, OH 44135-0920 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **KINGSLEY, Michael** [US/US]; 17400 West 119th Street, Olathe, KS 66061 (US). **DEMPSEY, Douglas** [US/US]; 17400 West 119th Street, Olathe, KS 66061 (US). **MEISTER, Donald, F.** [US/US]; 17400 West 119th Street, Olathe, KS 66061 (US). **KENNEDY, Robert, Michael** [US/US]; 17400 West 119th Street, Olathe, KS 66061 (US).

(74) Agent: **HENRICKS, James**; Henricks, Slavin & Holmes, 840 Apollo Street, Suite 200, El Segundo, CA 90245-4737 (US).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

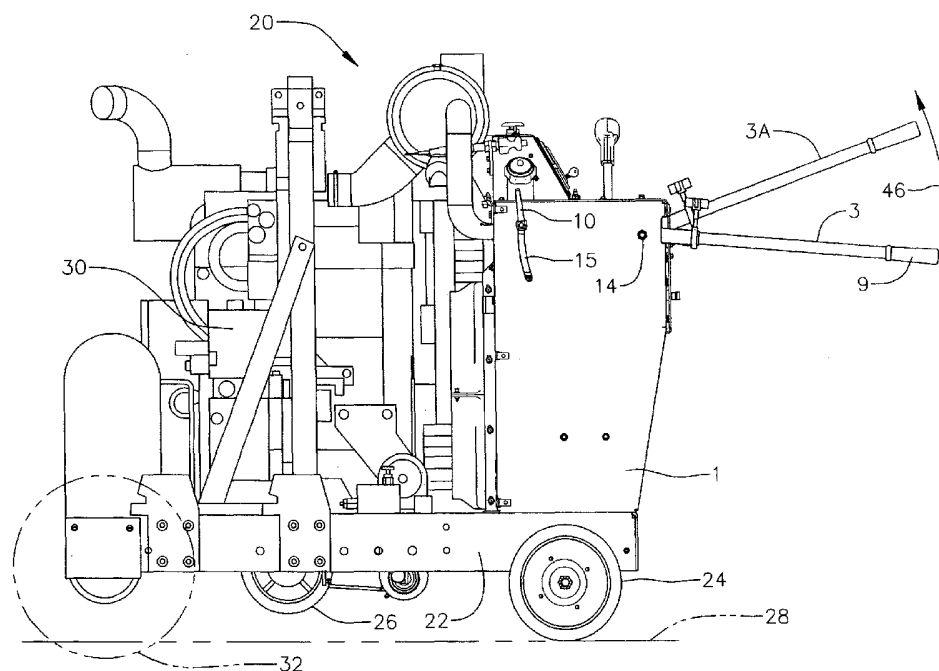
Published:

— with international search report

(88) Date of publication of the international search report:
24 August 2006

[Continued on next page]

(54) Title: CONCRETE SAW HANDLE BARS



(57) Abstract: A handle support and adjustment assembly for a saw allows the handle to be adjusted in length and/or angle relative to the saw.



For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US05/24058

A. CLASSIFICATION OF SUBJECT MATTER

IPC: **B28D 1/04**(2006.01)

USPC: 125/013010

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 125/013.01, 13.02, 13.03, 13.14; 299/39.3; 280/47.315, 655, 655.1; 403/110, 97; 404/90

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

ADJUSTABLE; HANDLE

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages.	Relevant to claim No.
X	US 5,725,282 A (MASSETH, JR. ET AL.) 10 March 1998, see entire document.	28, 29, 32
---		-----
Y		1, 2, 4, 5
Y	US 2,889,141 A (WILSON) 02 June 1959, see entire document.	1, 2, 4, 5
A	US 5,709,200 A (MERTES) 20 January 1998, see entire document.	

☐ Further documents are listed in the continuation of Box C.

☐ See patent family annex.

* Special categories of cited documents:

"A"	document defining the general state of the art which is not considered to be of particular relevance	"T"	later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"E"	earlier application or patent published on or after the international filing date	"X"	document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"L"	document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"Y"	document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"O"	document referring to an oral disclosure, use, exhibition or other means	"&"	document member of the same patent family
"P"	document published prior to the international filing date but later than the priority date claimed		

Date of the actual completion of the international search

27 April 2006 (27.04.2006)

Date of mailing of the international search report

11 MAY 2006

Name and mailing address of the ISA/US

Mail Stop PCT, Attn: ISA/US
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Facsimile No. (571) 273-3201

Authorized officer

allen shoap

Telephone No. (571) 272-4391